EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	242	"pseudotyped retrovirus" or (pseudotyping WITH retrovirus)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/20 15:13
S2	33730	airway WITH "epithelial cell" or "epithelial cells"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/20 15:15
S3	1381	airway ADJ ("epithelial cell" or "epithelial cells")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/20 15:16
S4	86	S1 and S2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/20 15:16
S5	1175	"O-glycosylation"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/20 15:17
S6	2	S4 and S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/20 15:34
S7	82	S4 and "gene therapy"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/20 15:35
S8	34	S7 and "cystic fibrosis"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/20 15:53

EAST Search History

S9	5	McCray-Paul-B.IN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/20 15:54
S10	7	Sanders-David-A.IN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/20 15:54
S11	4	Jeffers-Scott-A.IN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/20 15:55
S12	34	Davidson-Beverly-L.IN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/20 15:55
S13	5	Sinn-Patrick-L.IN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/20 15:56
S14	45	S9 or S10 or S11 or S12 or S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/20 15:57
S15	5	S14 and S1 and S3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/20 16:06
S16	76	"cystic fibrosis" and "cystic fibrosis transmembrane regulator protein"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/20 16:07

EAST Search History

S17	56	S16 and "gene therapy"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/20 16:08
S18	1	S17 and S1 and S3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/20 16:08
S19	1	S17 and S1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/20 16:08
S20	56	S17 and pd<="20011026"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/20 16:10
S21	16	S17 and @pd<="20011026"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/20 16:10

which decreased intracellular Cl- activity and increased the fractional resistance of the apical membrane. Regulation of the Cl- conductance was tested by exposing MTE to isoproterenol (10(-4) M, luminal), which increased I(eq) by activating a depolarizing conductance in the apical membrane. Luminal application of ATP (10(-4) M) was also found to increase the rate of Cl- secretion. We conclude that ion transport in MTE, like normal human airway epithelia, is characterized by 1) a significant amiloride-sensitive Na+ conductance in the apical membrane and 2) an apical membrane Cl--conductive pathway that can be regulated by beta-adrenergic agonists.

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(FILE 'HOME' ENTERED AT 16:21:26 ON 20 NOV 2006)

FILE 'MEDLINE, CAPLUS, BIOSIS, EMBASE, SCISEARCH' ENTERED AT 16:22:18 ON 20 NOV 2006

		E	MCCRAY PAUL/AU
L1	214	S	E5
		E	SANDERS DAVID/AU
L2	125	S	E3, E4, E6
		E	JEFFERS SCOTT/AU
L3	22	S	E3, E4, E5
		E	DAVIDSON BEVERLY/AU
L4	383	S	E1, E2, E3, E4, E5
		E	SINN PATRICK/AU
L5	123	S	E1, E2, E3, E4, E5
L6	794	S	L1 OR L2 OR L3 OR L4 OR L5
L7	4138	S	(RESPIRATORY EPITHELIA) OR (AIRWAY EPITHELIA) OR (TRACHEAL EP
L8	11101	S	(AIRWAY EPITHELIAL CELL) OR (AIRWAY EPITHELIAL CELLS)
L9	14533	S	L7 OR L8
L10	108	S	L6 AND L9
L11	358	S	(PSEUDOTYPED RETROVIRUS) OR (PSEUDOTYPING (A) RETROVIRUS)
L12	3	S	L10 AND L11
L13	5	S	L9 AND L11
L14	6140	S	(O-GLYCOSYLATION)
L15	17	S	L9 AND L14
L16	6	S	L11 AND L14
L17	18	S	L12 OR L13 OR L15 OR L16
L18	99	S	(CYSTIC FIBROSIS) AND (CYSTIC FIBROSIS TRANSMEMBRANE REGULATO
L19	18	S	L9 AND L18
L20	0	S	L11 AND L18
L21	0	S	L14 AND L18
L22	18	S	L19 OR L20 OR L21
L23	36	S	L17 OR L22
L24	20	DUP	REM L23 (16 DUPLICATES REMOVED)